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Database :
                                                                                                              Post-processing: Minimum Match 0%
Maximum Match 100%
Listing first 45 summaries
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22
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

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ALIGNMENTS

RESULT AH2538

AH2538
hypothetical protein asr7595 [imported] - Anabaena sp. (strain PCC 7120) plasmid pCC7
C; Species: Anabaena sp.
A; Note: Anabaena sp. (strain PCC 7120) is a synonym of Nostoc sp. strain PCC 7120
C;Date: 14-Dec-2001 #sequence_revision 14-Dec-2001 #text_change 11-Jan-2002
C; Accession: AH2538
R;Kaneko, T.; Nakamura, Y.; Wolk, C.P.; Kuritz, T.; Sasamoto, S.; Watanabe, A.; Iriqu
Nakazaki, N.; Shimpo, S.; Sugimoto, M.; Takazawa, M.; Yamada, M.; Yasuda, M.; Tabata
DNA Res. 8, 205-213, 2001
A; Title: Complete Genomic Sequence of the Filamentous Nitrogen-fixing Cyanobacterium
A; Reference number: AB1807; MUID:21595285; PMID:11759840
A;Accession: AH2538
A; Status: preliminary

A;Status: preliminary
A;Molecule type: DNA
A;Molecule type: DNA
A;Molecule type: DNA
A;Molecule type: DNA
A;Kesidus: 1-64 -KUR>
A;Cross-references: GB:AP003602; PIDN:BAB77238.1; PID:g17134680; GSPDB:GN00181
A;Experimental source: strain PCC 7120
C;Genetics:
C;Genetics: Query Match Best Local Similarity ~~+~hes 5; Conserva A;Gene: asr7595 A;Genome: plasmid Conservative 100.0%; Score 22; DB 100.0%; Pred. No. 15; 0; Mismatches DB 2; Length 64; Indels 0; Gaps 0;

밁 γ 33 AMVSE 37 1 AMVSE 5

RESULT S36103 annexin I - chicken (fragment)
N;Alternate names: lipocortin I
C;Species: Gallus gallus (chicken)
C;Date: 10-Dec-1993 *sequence_revision 26-Jul-1996 *text_change 13-Aug-1999

C;Accession: S36103
R;Sidis, Y.; Horseman, N.D.
FEBS List: 329, 296-300, 1993
A;Tille: The hinge region of chicken annexin I contains no site for tyrosine phosphor A;Reference number: S36103; MUID:93374034
A;Accession: S36103

A; Molecule type: mRNA A; Residues: 1-130 <SID>

A;Cross-references: EMBL:S64951; NID:g408871; PIDN:AAB28036.1; PID:g408872 A;Note: the authors translated in fig. 3 the codon CTG for residues 8, 87 and 95 as C;Genetics:

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A;Gene: anxI C;Superfamily: annexin I; annexin repeat homology C;Keywords: calcium binding; phospholipid binding

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C;Accession: S68609

R;Paulsen, I.T.; Gillespie, M.T.; Littlejohn, T.G.; Hanvivatvong, O.; Rowland, S.J.; Dyk Gene 141, 109-114, 1994

A;Title: Characterisation of sin, a potential recombinase-encoding gene from Staphylococ A;Reference number: S68609; MUID:94215871

A;Accession: S68609
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C;Date: 12-Feb-1993 #sequence_revision 12-Feb-1993 #text_change 21-Aug-1998
C;Accession: S09385
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C;Keywords: DNA binding
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A; Residues: 1-202 < PAU>
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C;Species: Staphylococcus aureus
C;Date: 19-Mar-1997 #sequence_revision 25-Apr-1997 #text_change 26-Aug-1999
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C; Superfamily: transposase repress
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A; Residues: 1-171 < ROW>
A; Cross-references: EMBL: X16298
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R; Rowland, S.J.; Dyke, K.G
EMBO J. 8, 2761-2773, 1989
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   A; Accession: C83240
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hypothetical protein r58B3.3 - Caenorhabditis elegans
C;Species: Caenorhabditis elegans
C;Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 09-Jun-2000
C;Accession: T22896
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    hypothetical protein F58B3.2 - Caenorhabditis elegans
C;Species: Caenorhabditis elegans
C;Date: 15-Oct-1999 #sequence_revision 15-Oct-1999 #text_change 20-Jun-2000
C;Accession: T22895
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A;Introns: 69/1
C;Superfamily: Caenorhabditis elegans hypothetical
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 submitted to the EMBL Data Library, May 1996
A;Reference number: Z19633
A;Accession: T22895
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A; Accession: T22896
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                                               C;Accession: C83240
R;Stover, C.K.; Pham, X.Q.; Erwin, A.L.; Mizoguchi, S.D.; Warrener, P.; Hickey, adman, S.; Yuan, Y.; Brody, L.L.; Coulter, S.N.; Folger, K.R.; Kas, A.; Larbig, Lory, S.; Olson, M.V.
Nature 406, 959-964, 2000
                                                                                                                                                                          probable transcription regulator PA3249 [imported] - Pseudomonas aeruginosa (strain C;Species: Pseudomonas aeruginosa C;Date: 15-Sep-2000 #sequence_revision 15-Sep-2000 #text_change 31-Dec-2000
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C; Superfamily: Caenorhabditis elegans hypothetical protein F58B3.3
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A; Residues: 1-214 <WIL>
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A; Title: Complete genome sequence of Pseudomonas aeruginosa PA01, an opportunistic pa A; Reference number: A82950; MUID: 20437337
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A;Residues: 1-215 <WIL>
A;Cross-references: EMBL:Z73427; PIDN:CAA97800.1; GSPDB:GN00022; CESP:F58B3.2
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Pred. No. 55;
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A;Molecule type: protein
A;Residues: 13-15,'X',17,'X',19-28,'X',30-50 <HA2>
R;Haigler, H.T.; Mangill, J.A.; Gao, Y.; Jones, J.
submitted to GenBank, October 1992
                                  A; Reference number: A38909
A; Accession: A38909
                                                                                                                                                                                                                                                           annexin I type 2 - pigeon
N;Alternate names: calpactin II; calpactin/lipocortin homolog; cp37 protein; cropsac 37K
C;Species: Columba livia (domestic pigeon)
C;Date: 31-Dec-1993 #sequence_revision 26-May-1994 #text_change 22-Jun-1999
C;Accession: A44118; B44118; A38909; I51112
R;Haigler, H.T; Mangili, J.A.; Gao, Y.; Jones, J.; Horseman, N.D.
J Biol. Chem. 267, 19123-19129, 1992
A;Title: Identification and characterization of columbid annexin Icp37. Insights into th
A;Reference number: A44118; MUID:92406850
                                                                                                                                                                           A; Note: sequence extracted from NCBI backbone (NCBIN:113807, A; Accession: B44118
                                                                                                                                                                                                                  A; Molecule type: mRNA
A; Residues: 1-343 <HAI>
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Nature 413, 848-852, 2001
A; Authors: Parry, C.; Quail, M.; Rutherford, K.; Simmonds, M.; Skelton, J.; Stevens, K.;
A; Title: Complete genome sequence of a multiple drug resistant Salmonella enterica sero, A; Reference number: AB0502; PMID:11677608
A; Accession: AF1057
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A; Residues: 1-246 < PAR>
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A;Molecule type: DNA
A;Residues: 1-238 <STO>
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 hypothetical protein STY4786 [imported] · Salmonella enterica subsp. enterica serovar T
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                                                                                            Gao, Y.; Jones, J.; Horseman,
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R.She, Q.; Singh, R.K.; Confalonieri, F.; Zivanovic, Y.; Allard, G.; Awayez, M.J.; Ch
Jong, I.; Jeffries, A.C.; Kozera, C.J.; Medina, N.; Peng, X.; Thi-Ngoc, H.P.; Redder
arrett, R.A.; Ragan, M.A.; Sensen, C.W.; Van der Oost, J.
submitted to GenBank, April 2001
A;Description: Sulfoloms solfataricus complete genome.
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A; Accession: H90366
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F:283-299/Region: endonexin fold #status predicted
F:22/Modified site: acetylated amino end (Ala) (in m
F:21/Binding site: phosphate (Tyr) (covalent) (by m
F:24/Binding site: phosphate (Ser) (covalent) (by m
F:24/Binding site: pho
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Geffe 143, 179-186, 1994
A;Title: Structural and functional divergences
A;Reference number: I51112; MUID:94266150
A;Accession: I51112
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C;Species: Sulfolobus solfataricus
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A; Residues: 1-154 <GAO>
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A;Cross-references: GB:M91008; NID:g213521; PIDN:AAA49447.1; PID:g213522
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Pred. No. 92;
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Pred. No.
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R; Biemann, K.; Scoble, H.A.
Science 237, 992-998, 1987
A; Title: Characterization by tandem mass spectrometry of structural modifications in property characterization by tandem mass spectrometry of structural modifications in property.
A; Reference number: A38843; MUID:87292145
A; Reference number: A38843; MUID:87292145
A; Contents: annotation; amino-terminal acetylation
A; Contents: annotation; amino-terminal acetylation
A; A; Pucci, P.; Marino, G.; Ialenti, A.;
R; Arcone, R.; Arpaia, G.; Ruoppolo, M.; Malorni, A.; Pucci, P.; Marino, G.; Ialenti, A.;
Eur. J. Biochem. 211, 347-355, 1993
A; Title: Structural characterization of a biologically active human lipocortin 1 express
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C;Date: 04-Dec-1986 #sequence_revision 30-Sep-1992 #text_change 22-Jun-1999
C;Accession: A03080; A28641; A38842; A34459; S07909; S28846
R;Wallner, B.P.; Mattaliano, R.J.; Hession, C.; Cate, R.L.; Tizard, R.; Sinclair, L.K.; Nature 320, 77-81, 1986
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       A;Note: in placenta, approximately 20% of annexin I was observed as a dimer; the authors R;Kovacic, R.T.; Tizard, R.; Cate, R.L.; Frey, A.Z.; Wallner, B.P. Blochemistry 30, 9015-9021, 1931 Blochemistry 30, 9015-9021, 1931 Typitle: Correlation of gene and protein structure of rat and human lipocortin I. A;Reference number: A40301; MUID:91369906
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Biochemistry 27, 3682-3690, 1988

A;Title: Location of sites in human lipocortin I that are phosphorylated by protein tyro
A;Reference number: A28641; MUID:88309771
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A;Accession: A03080
A;Molecule type: mRNA
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A;Title: A dimeric form of lipocortin-1 in human placenta
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 A; Residues: 1-346 <WAL>
A; Cross-references: EMB
R; Varticovski, L.; Chah
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A;Accession: A38842
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A; Residues: 10-26; 214-233 <VAR>
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J. Biol. Chem. 264, 17222-17230, 1989
A;Title: Characterizations of two distinct Ca(2+)-dependent phospholipid-binding A;Reference number: A34459; MUID:90008880
A;Accession: A34459
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F;276-346/Domain: annexin rold #status predicted F;278-326/Region: endonexin fold #status predicted F;276-346/Domain: annexin rold #status predicted F;287-302/m
                                                                                                                                                                                                                                                                     C;Superfamily: annexin I; annexin repeat homology C;Keywords: acetylated amino end; calcium binding; F;2-346/Product: annexin I #status predicted MATD
F;45-116/Domain: annexin repeat homology <ax1D</pre>
F;56-72/Region: endonexin fold #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Cross-references: GDB:120550; OMIM:151690
A;Map position: 9q11-9q22
A;Introns: 22/3; 59/1; 90/3; 128/3; 159/1;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             ctivity. Unphosphorylated it is a potent inhibitor of the enzyme, mimicking the ameliora pids. Phosphorylation of annexin I results in loss of its inhibitory activity. C;Comment: This protein contains four homologous repeats. Each contains an "endonexin for the protein contains an "endonexin for the protein contains and the protein contains are protein contains.
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A; Residues: 30-45;82-97;114-128;148-161;275-281 <HAY>
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F;2/Modified site: acetylated amino end (Ala) (in mature form) #status experimental F;21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status experi F;27/Binding site: phosphate (Ser) (covalent) (by protein kinase C) #status experimen F;43/Binding site: carbohydrate (Asn) (covalent) #status absent F;416/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimen F;416/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status experimental F;216/Binding site
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C;Date: 13-Jan-1995 #sequence_revision 05-Apr-1995 #text_change 22-Jun-1999
C;Accession: S28228; A60851
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C;Superfamily: annexin I; annexin repeat homology C;Superfamily: annexin I annexin repeat homology C;Reywords: blocked amino end; calcium binding; du F;2-346/Product: annexin I #status predicted <MAT>
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A;Experimental source: Madin-Darby kidney cell line
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A;Title: Epitope mapping of annexin I: antibodies that compete with phospholipids and
A;Reference number: S28228; MUID:93143727
                                                                                                                                                                                                                                                                                                                     F;2/Modified site: blocked amino end (Ala) (in mature form) (probably acetylated) #st F;21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status predic F;216/Binding site: phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status pre
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              F;200-272/Domain: annexin repeat homology <AX3>
F;212-228/Region: endonexin fold #status predicted
F;276-346/Domain: annexin repeat homology <AX4>
F;276-346/Domain: annexin repeat homology <AX4>
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A; Residues: 1-346 <ERN>
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F;128-144/Region: endonexin fold #status predicted
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Best Local :
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                                                                                           Local Similarity res 5; Conserv
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Pred. No.
                                                                                                                                                Score 22;
Pred. No.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Mismatches
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                                                                                                                                                                                                 Length 346
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AMVSE 6

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F:200-272/Domain: annexin repeat homology <axys-
F:212-228/Region: endonexin fold #status predicted
F:276-346/Domain: annexin repeat homology <axys-
F:287-303/Region: endonexin fold #status predicted
F:287-303/Region: endonexin fold #status predicted
F:287-303/Region: endonexin fold #status predicted
F:24/Modified site: acetylated amino end (Ala) (in mature form) #status predicted
F:21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status predicted
F:27/Binding site: carbohydrate (Ser) (covalent) (by protein kinase C) #status predicted
F:43/Binding site: carbohydrate (Asn) (covalent) #status absent
F:216/Binding site: phosphate (Thr) (covalent) (by CANN-dependent kinase) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   C; Keywords: acety F; 2-346/Product:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  C;Comment: Annexin I has been shown to be both an intracellular and an extracellular proctivity. Unphosphorylated it is a potent inhibitor of the enzyme, mimicking the ameliora pids. Phosphorylation of annexin I results in loss of its inhibitory activity. C;Comment: This protein contains four homologous repeats. Each contains an "endonexin for the contains and the contains are contained to the contains and the contains are contained to the contains and the contains are contained to the contains and the contained to the contains are contained to the containe
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A; Accession: B53507
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A:Residues: 1-321/S',323-346 <ROV>
A;Cross-references: GB:S57478; GB:J05339; NID:g235878; PIDN:AAB19866.1; PID:g235879
R;Pepinsky, R.B.; Sinclair, L.K.; Browning, J.L.; Mattaliano, R.J.; Smart, J.E.; Chow, J. Biol. Chem. 261, 4239-4246, 1986
A;Title: Purification and partial sequence analysis of a 37-kDAa profein that intinting the control of the co
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         F;56-72/Region: endonexin fold #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              F;45-116/Domain: annexin repeat homology <AX1>
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A;Residues: 27-50;54-71;82-97;111-123,'L',124;129-134,'EX',137-138,'X',140;155-161;167-R:Hyatt, S.L.; Liao, L.; Chapline, C.; Jaken, S.
Biochemistry 33, 1223-1228, 1994
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Biochemistry 30, 9015-9021, 1991
A:Title: Correlation of gene and protein structure of rat and human lipocortin
A:Reference number: A40301, MUID:91369906
A;Accession: A40301
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A;Accession: A30896
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A; Residues: 1-346 < TAM>
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A:Accession: A26841
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A; Residues: 1-346 <SHI>
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                                                                                    ;216/Binding site: phosphate (Thr) (covalent) (by
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Query Match
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A;Map position: 19
A;Introns: 22/3; 59/1; 90/3; 128/3; 159/1; 185/3; 204/3; 236/1; 268/1; 287/3; 328/3
C;Superfamily: annexin I; annexin repeat homology
C;Keywords: acetylated amino end; calcium binding; duplication; endonexin fold; glyco
F;2-346/Product: annexin repeat homology <AXI>
F;45-116/Domain: annexin repeat homology <AXI>
F:56-72/Region: endonexin fold #status predicted
F;117-188/Domain: annexin repeat homology <AXI>
F;128-144/Region: endonexin fold #status predicted
F;210-272/Domain: annexin repeat homology <AXI>
F;212-28/Region: endonexin fold #status predicted
F;210-272/Domain: annexin repeat homology <AXI>
F;212-28/Region: endonexin fold #status predicted
                     F;276-346/Domain: annexin roud #status predicted
F;287-303/Region: endonexin fold #status predicted
F;287-303/Region: endonexin fold #status predicted
F;2/Modified site: acetylated amino end (Ala) (in mature form) #status predicted
F;21/Binding site: phosphate (Tyr) (covalent) (by EGF receptor/kinase) #status predict
F;27/Binding site: phosphate (Ser) (covalent) (by protein kinase C) #status predicted
F;43/Binding site: carbohydrate (Asn) (covalent) #status predicted
F;216/Binding site: phosphate (Thr) (covalent) #status predicted
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        C;Comment: Annexin I has been shown to be both an intracellular and an extracellular ctivity. Unphosphorylated it is a potent inhibitor of the enzyme, mimicking the ameli pids. Phosphorylation of annexin I results in loss of its inhibitory activity.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Molecule type: DNA
A;Rosidues: 1-211,'1',213-346 <HOR>
A;Residues: 1-211,'1',213-346 <HOR>
A;Residues: GB:M69260; NID:g198843; PIDN:AAA39437.1; PID:g198845
A;Cross-references: GB:M69260; NID:g198843; PIDN:AAA39437.1; PID:g198845
A;Note: the authors translated the codon ATT for residue 212 as Arg
R;Philipps, C:; Rose-John, S:; Rincke, G:; Fuerstenberger, G:; Marks, F.
Blochem. Blophys. Res. Commun. 159, 155-162, 1989
A;Title: cDNA-cloning, sequencing and expression in glucocorticoid-stimulated
A;Reference number: A32299; MUID:89165848
A;Accession: A32299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        A;Molecule type: mRNA A;Molecule type: mRNA A;Rosidues: 6-77, 'Pr', 80-221, 'H', 223-273, 'H', 275-346 <PHI>A;Cross-references: GB:M24554; NID:g198761; PIDN:AAA39420.1; PID:g387403 A;Experimental source: Swiss 3T3 cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     A;Gene: LipoI
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     C;Comment: Annexins undergo reversible, calcium-dependent binding to membrane phospho
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         A;Title: Mouse lipocortin I gene structure and chromosomal assignment: gene duplicati A;Reference number: A39902; MUID:91301692
A;Accession: A39902
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        R; Horlick, K.R.; Cheng, I.O
Genomics 10, 365-374, 1991
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A; Residues: 1-346 <SAK>
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A;Title: Mouse lipocortin I cDNA.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         C;Species: Mus musculus (house mouse)
C;Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 22-Jun-1999
C;Accession: S02181, A39902, A32299
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                N;Alternate names: calpactin II; lipocortin I; p35; phospholipase A2 inhibitory prote
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               A; Accession: S02181
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Best Local
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phosphate (Thr) (covalent) (by cAMP-dependent kinase) #status pro
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           0;
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Best Local Similarity

100.0%;

Score 22; Pred. No.

DB 1; 92;

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C;Species: Rodentia spp.
C;Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 01-Aug-1997
C;Accession: S13044; S14429
R;Robitzki, A.; Schroeder, H.C.; Ugarkovic, D.; Gramzow, M.; Fritsche, U.; Batel, R.; Mu Blochem. J. 271, 415-420, 1990
A;Title: cDNA structure and expression of calpactin, a peptide involved in Ca(2+)-depend A;Reference number: S13044; MUID:91054405
A;Accession: S13044
                                                                                                                                                                                                                                                                                                                                                                                                                                 F:117-18/JOmain: annexin repeat homology <AX2>
F:128-144/Region: endonexin fold #status predicted
F:200-272/Domain: annexin repeat homology <AX3>
F:212-228/Region: endonexin fold #status predicted
F:276-346/Domain: annexin repeat homology <AX4>
F:28/Region: endonexin fold #status predicted
F:28/Region: endonexin fold #status predicted
F:21/Binding site: phosphate (Tyr) (covalent) #status predicted
F:27/Binding site: phosphate (Ser) (covalent) #status predicted
F:214/Binding site: carbohydrate (Asn) (covalent) #status predicted
F:216/Binding site: phosphate (Thr) (covalent) #status predicted
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A;Residues: 1-113,'T',115-218,'NV',221-222,'T',224-296,'I',298-346 <MUE>
A;Rote: the source is designated as the sponge Geodia cydonium; the accession EMBL:X1698
C;Comment: The source of this sequence is now regarded by the author as contamination fr
C;Superfamily: annexin I; annexin repeat homology
C;Keywords: calcium binding; duplication; endonexin fold; glycoprotein; phospholipid bin
F;45-116/Domain: annexin repeat homology <AX1>
F;56-72/Region: endonexin fold status predicted
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submitted to the EMBL Data Library, October 1989
A;Reference number: S14429
A;Accession: S14429
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A;Residues: 1-346 <ROB>
A;Residues: 1-346 <ROB>
A;Note: the authors translated the codon AAA for residue 219 as Leu
A;Note: the source is designated as the sponge Geodia cydonium; the accession EMBL:X1698
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             annexin I - Rodentia spp.
N;Alternate names: calpactin II; lipocortin I
Search completed: July 9, 2002, 12:20:15 Job time: 225 sec
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                                                                                                                                                                                                                                                                                       Conservative
                                                                                                                                                                                                                                                                                                                 100.0%; Score 22; DB 2; Length 346; 100.0%; Pred. No. 92;
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